	υ	1	D	ocument	ID	Issue Date	Pages
1			US	5833861	А	: :19981110 :	: 43
2			US	5605623	A	19970225	43
3	\boxtimes		US	5552041	A	19960903	43
4			US	5536891	А	19960716	14
را			US	5504053	А	: :19960402 :	23
6	\boxtimes		US	5384042	А	19950124	:44
7			US	5228989	А	19930720	39
8			US	5187140	А	19930216	33
9	Ø		US	5112795	Α	19920512	16
10			US	5102848	Α	19920407	18
11			US	5051395	A	19910924	.13
1 2	g		ΠC	801 3 2 7 0	Ž.	19910518	41

	Title	Current OR	Current XRef
1	Perfusive chromatography	210/656	210/198.2 ; 210/635 ; 530/413 ; 530/417
2	Ferfusive chromatography	210/198.2	:010/656
3	Ferfusive chromatography	210/198.2	210/502.1
ú	Furification of 1,1,1,-trichloroethane	570/262	
5	Alkylene oxide catalysts having enhanced activity and/or stability	:502/348	502/208 ; 502/217 ; 502/218 ; 502/300 ; 502/322 ; 502/324 ; 502/341 ; 502/344 ; 549/536
ธ์	Perfusive chromatography	210/198.2	210/502.1 ; 502/402
r-1	Perfusive chromatography	210/198.2	[110/502.1 ; 502/402
8	Alkylene oxide datalysts containing high silver content	502/348	; 502/231 ; 502/231 ; 502/340 ; 502/344 ; 549/534
9	Supported silver catalyst, and processes for making and using same	502/324	502/330 ; 502/347 ; 502/348
10	Catalyst composition for oxidation of ethylene to ethylene oxide	502/218	
11	Alkylene oxide catalysts having enhanced activity and/or efficiency	502/348	549/536
	Forficial diremategraphy	230/656	210/195.2 ; = 1

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Afeyan, Noubar B., et al.					;		
2		Afeyan, Noubar B. , et al.	. 🗆						
3		Afeyan, Noubar B. , et al.							
4		Beard, Jr., William Q.						. 🗆	
IJ.		Chou, Pen-Yuan, et al.							
6		Afeyan, Noubar B.							
7		Afeyan, Noubar B. , et al.							
8		Thersteinson, Erlind M., et al.							
9		Minahan, David M. , et al.							
10		Soo, Hwaili , et al.							
11		Mitchell, Scott F. , et al.							
		Afeyan, Noubar B.						Π	

	U	1	D	ocument	ID	Issue Date	Pages
1			US	6235673	В1	20010522	10
2	\boxtimes		US	5958490	A	19990926	8
З	\boxtimes		US	5833861	A	19981110	43
4			US	5820839	А	19981013	7
5			US	5605623	A	19970225	43
6		- 🔲	US	5552041	А	19960903	:43
7			US	5536891	A	19960716	14
8	8	. 🔲		5504053	А		. 22
9			ŲS	2004042	Ã	129901223	11
1.17				0_06989	Ī-	n recession of	
11	X			5217505	A	19930600	6

	Title	Current OR	Current XRef
.1	Carbonylation catalyst supported on a carbonized polysulfonated divinylbenzene-styrene copolymer	502/159	502/224 ; 502/229 ; 502/326 ; 502/327 ; 502/338 ; 502/330
2	Controlled release fumigation of harvested agricultural commodities		426/320 426/331 426/333 426/416 426/419
3	Ferfusive chromatography	210/656	010/198.2 ; 010/6/5 ; 530/413 ; 530/417
41	Process for the decomposition of hydrogen cyanide, ammonia, or mixtures thereof in the gas phase	423/235	423/236 ; 423/237 ; 423/239.1
5	Ferfusive chromatography	110/198.2	± 10, 650
б	Ferfusive chromatography	210/198.2	210/502.1
7	Furification of 1,1,1,-trichloroethane	570/262	
6	Alkylene oxide catalysts having enhanced activity and/or stability	502/348	1502/20% 1; 502/217 1; 502/218 1; 502/300 1; 502/321 1; 502/324 1; 502/341 1; 502/341
9			::10/50 ; 59./49
10	cricorve chromategrapt,		1210-116 7 - 01. 740
11	Carbonaceous adsorbents for prevention of carbon bed fires	75/141	501 401 ; 502/416 ; 501/416 ; 501/146 ; 501/29 ; 501/53 ; 521/918 ; 95/900

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1		Zoeller, Joseph Robert , et al.	⊠						
2		Solar, Jose M., et al.							
5		Afeyan, Noubar B. , et al.							
- 1		Benderly, Abraham, et al.							: : :
5		Afeyan, Noubar B. , et al.							
6		Afeyan, Noubar B.							
7		Beard, Jr., William Q.							
Ĉ		Chou, Pen-Yuan , et al.		: : 🔲					
9		Afeyan, Noubar B. , et al.					نا		
i di A. r		, et al. Africa, N. Abar D. , et al.							
11		Maroldo, Stephen G., et al.			. 🗆				

	U	1	D	ocument	ID	Issue Date	Pages
12	\boxtimes		IJS	5187140	A	19930216	33
13	\boxtimes		US	5112795	А	19920512	16
14			US	5104530	А	19920414	9
15			US	5102848	А	19920407	18
16	X		US	5094754	А	19920310	9
17			IJS	5051395	A	19910924	13
18	E.		US	5019270	А	19910528	41
19			IJS	4957897	Α	19900918	10
20	ļ		IJS	4839331		19890613	10

	Title	Current OR	Current XRef
12	Alkylene oxide catalysts containing high silver content	502/348	502/226 ; 502/231 ; 502/340 ; 502/344 ; 549/534
13	Supported silver catalyst, and processes for making and using same	502/324	502/330 ; 502/347 ; 502/348
1.4	Chromatography column with carbonaceous adsorbents from pyrolyzed	210/198.2	210/502.1 ; 96/101
15	polysulfonated polymers Catalyst composition for exidation of ethylene to ethylene exide	502/218	:
1.6	Carbonaceous adsorbents from pyrolyzed polysulfonated polymers	210/635	210/656 ; 95/88
17	Alkylene oxide catalysts having enhanced activity and/or efficiency	502/348	549/536 -
18	Ferfusive chromatography	210/656	210/198.3 ; 210/635 ; 530/413 ; 530/417 ; 95/88 ; 96/101
19	Carbonaceous adsorbents from pyrolyzed polysulfonated polymers	502/432	210/681 ; 502/181 ; 502/185 ; 502/400 ; 502/417 ; 502/416 ; 502/426 ; 502/430 ; 502/437 ; 73/23.35
20	pyrolyzed polysulfonated polymers	502/416	50.7/40.0 ; 502/118 ; 501/129 ; 501/113 ; 521/918

	Retrieval Classif	Inventor	s	С	P	2	3	4	5
12		Thorsteinson, Erlind M., et al.							
13		Minahan, David M. , et al.							
1.;		Maroldo, Stephen G., et al.							
15		Soo, Hwaili , et al.							
16		Maroldo, Stephen G. , et al.							
17		Mitchell, Scott F. , et al.							
18		Afeyan, Noubar B., et al.							:
19		Maroldo, Stephen G., et al.							
20		Marbido, Stephen G. , of al.							

	Туре	L#	Hits	Search Text	DBs	Time Stamp
1	BRS	20		multimodal adj pore	USPAT	2001/12/19 11:04
2	BRS	L6	176321	chromatogra\$4	USPAT	2001/12/19 11:04
3	BF.S			continuous	USPAT	2001/12/19 il:05
4	BF:S			8 and " 9"	USPAT	2001/12/19 11:05
5	BF:S			7 and 8	USPAT	2001/12/19 11:05
6	BF:S	L7	20	5 and 6	USPAT	12001/12/19 11:06

	Comments	Error	Definition	Err ors
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2		•		0
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6				0

	Туре	Hits	Search Text
1	BP.S	37759	monolith\$3
2	BRS	1551	210/198.3.ccls.
3	BES	40	monolith\$3 and 210/193.2.ccls.
4	BPS	942	multimodal
5	BRS	12	210/198.2.ccls. and multimodal
6	IS&F	1	("5728457").PN.
7	ISAF	1	("5929214").PN.
8	IS&F	1	("3483990").PN.
9	IS&F	1	("5972218").PN.
10	IS&P	1	("4689302").PN.

	DBs	Time Sta	mp	Comments	Error Definition
1	USPAT	2001/12/19	10:09		
2	USFAT	2001/12/18	15:46		
3	USFAT	2001/12/18	15:59		
4	USPAT	2001/12/18	15:59		
5	USPAT	2001/12/19	11:03		
6	USPAT	2001/12/19	08:33		
7	USPAT	2001/12/19	08:34		
3	USPAT	2001/12/19	09:57		
9	USPAT	2001/12/19	09:57		
10	USPAT	2001/12/19	10:09		

	Errors
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Number 5		29 multimodal adj pore	USPAT	2001712/19	- 1
, 6	i	176321 chromatogra\$4	USPAT	11:04	i
8		660441 continuous	USPAT	11:04	
9		567442 continuous and "9"	USPAT	11:03	
10		12 ((multimodal adj pore) and chromatogra\$4) and continuous	USPAT	11:03 2001/12/19 11:05	
7		20 - (multimodal adj pore) and chromatogra\$4	USPAT	2001/12/19	
		37759 monolith\$3	USPAT	2001/12/19	
		1551 210/198.2.ccls.	USPAT	2001/12/18	
-		40 monolith\$3 and 210/198.2.ccls.	USPAT	2001/12/18	
<u> </u>		942 multimodal	USPAT	2001/12/18 15:59	
_	,	12 210/198.2.ccls. and multimodal	USPAT	: 2001/12/19 : 11:03	
	i	1 ("5728457").PN.	USPAT	2001/12/19 08:33	
-	,	1 - ("5929214").PN.	USPAT	2001/12/19 08:34	
-		î ("3483990").PN.	USPAT	2001/12/19	i
-		1 ₊ ("5972218").PN.	USPAT	2001/12/19 09:57	
-		1 ("4689302").PN.	USPAT	'2001/12/19 10:09	1